

AbstractJEWELLERY ALLOY COMPOSITIONS

A jewellery alloy, having a substantially purple hue
5 and sufficient toughness to withstand Rockwell B hardness
testing with a 100 kg load without shattering, comprises 76
to 83.5 wt% gold and 16.5 to 21.5 wt% aluminium. In one
embodiment, the alloy consists of more than 78.5 wt% gold
(but not more than 83.5 wt%) and a balance of aluminium.
10 In another embodiment, the alloy comprises an additional
element selected from palladium and nickel.